AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions and listings of claims in the application. Amendments to the claims were made where clear antecedent bases, an exhausting recital, or a Trademark were lacking, and are not due to the prior art:

1. (Currently Amended) A <u>computer implemented</u> method in a data processing system of determining a location of a portable data processing system, the <u>computer implemented</u> method comprising:

determining <u>a set of</u> resources geographically proximate to the portable data processing system to generate a location syndrome;

<u>responsive to determining the set of resources geographically proximate to the portable data processing system to generate the location syndrome,</u> comparing the location syndrome to a set of location profiles; and

responsive to sufficiently matching the location syndrome to one of the set of location profiles, returning, to ~~another~~ <u>a</u> software component, a <u>unique location identification</u> label corresponding to a matched one of the set of location profiles as a current location of the portable data processing system<u>, wherein sufficiently matching the location syndrome to one of the set of location profiles comprises providing a set of scores ranging from a highest score to a lowest score, and assigning a score from the set of scores to a location profile in the set of location profiles, wherein the score assigned corresponds to a degree to which the location profile matches the location syndrome.</u>

2. (Currently Amended) The <u>computer implemented</u> method as recited in claim 1, wherein ~~sufficiently matching the location syndrome to one of the set of location profiles comprises:~~

~~assigning a score to each location profile, wherein the score corresponds to a degree to which the location profile matched the location syndrome, and a set of the assigned scores ranges from a highest assigned score to a lowest assigned score~~ <u>assigning a score comprises:</u>

initializing the score, incrementing the score if a resource in a specific resource profile is present, and decrementing the score if the resource in the specific resource profile is not present.

3.   (Currently Amended) The computer implemented method as recited in claim 2, wherein sufficiently matching the location syndrome to one of the set of location profiles further comprises:

storing a set of unique location identification labels corresponding to the set of location profiles as a set of candidate locations;

responsive to storing the set of unique location identification labels corresponding to the set of location profiles as the set of candidate locations, eliminating the unique location identification labels in the set of unique location identification labels for the location profile with the lowest assigned score to produce a revised set of candidate locations; and

identifying a best match from the revised set of candidate locations as the current location of the portable data processing system.

4.   (Currently Amended) The computer implemented method as recited in claim 3, wherein sufficiently matching the location syndrome to one of the set of location profiles further comprises:

responsive to a determination that the assigned score of one of the revised set of candidate locations with the highest assigned score exceeds [[that]] the assigned score of other ones of the revised set of candidate locations by a specified margin and to a determination that the assigned score of the one of the revised set of candidate locations exceeds a threshold value, identifying the one of the revised set of candidate locations with the highest assigned score as the current location of the portable data processing system.

5.   (Currently Amended) The computer implemented method as recited in claim 3, wherein sufficiently matching the location syndrome to one of the set of location profiles further comprises:

responsive to a determination that the assigned score of one of the revised set of candidate locations with the highest assigned score does not exceed the assigned score of other ones of the revised set of candidate locations by a specified margin and to a determination that the assigned scores of at least some of the ~~others~~ other ones of the revised set of candidate locations exceed a threshold value, presenting at least some of the revised set of candidate locations to a user for a user selection of the current location of the portable data processing system.

6.   (Currently Amended) The computer implemented method as recited in claim 1, wherein determining the set of resources geographically proximate to the portable data processing system comprises using a directory-based protocol.

7.   (Currently Amended) The computer implemented method as recited in claim 1, wherein determining the set of resources geographically proximate to the portable data processing system comprises using at least one of a Dynamic Host configuration Protocol[[,]] and a Service Discovery Protocol~~, and Jini~~TM.

8.   (Currently Amended) The computer implemented method as recited in claim 1, wherein determining the set of resources geographically proximate to the portable data processing system comprises determining [[the]] a latency between a message to interrogate a component and [[the]] an arrival of [[the]] a response.

9.   (Currently Amended) The computer implemented method as recited in claim 1, wherein determining the set of resources geographically proximate to the portable data processing system comprises determining a route that a message to interrogate a component takes.

10.   (Currently Amended) The computer implemented method as recited in claim 1, wherein the set of resources include a set of behaviors of the data processing system and a proximate network.

11. (Currently Amended) A computer program product in a computer readable media for use in a portable data processing system for determining a location of the portable data processing system, the computer program product comprising:

determining instructions for determining a set of resources geographically proximate to the portable data processing system to generate a location syndrome;

responsive to determining the set of resources geographically proximate to the portable data processing system to generate the location syndrome, comparing instructions for comparing the location syndrome to a set of location profiles; and

matching instructions, responsive to sufficiently matching the location syndrome to one of the set of location profiles, for returning, to ~~another~~ a software component, a unique location identification label corresponding to a matched one of the set of location profiles as a current location of the portable data processing system, wherein sufficiently matching the location syndrome to one of the set of location profiles comprises providing instructions for providing a set of scores ranging from a highest score to a lowest score, and assigning instructions for assigning a score from the set of scores to a location profile in the set of location profiles, wherein the score assigned corresponds to a degree to which the location profile matches the location syndrome.

12. (Currently Amended) The computer program product as recited in claim 11, wherein ~~sufficiently matching the location syndrome to one of the set of location profiles comprises:~~

~~scoring instructions for assigning a score to each location profile wherein the score corresponds to a degree to which the location profile matched the location syndrome and a set of the assigned scores ranges from a highest assigned score to a lowest assigned score~~ the assigning instructions for assigning a score comprises:

instructions for initializing the score, incrementing the score if a resource in a specific resource profile is present, and decrementing the score if the resource in the specific resource profile is not present.

13.   (Currently Amended) The computer program product as recited in claim 12, wherein sufficiently matching the location syndrome to one of the set of location profiles further comprises:

storing instructions for storing a set of unique location identification labels corresponding to the set of location profiles as a set of candidate locations;

responsive to storing the set of unique location identification labels corresponding to the set of location profiles as the set of candidate locations, elimination instructions for eliminating the unique location identification labels-of label in the set of unique location identification labels for the location profiles profile with the lowest assigned score to produce a revised set of candidate locations; and

identifying instructions for identifying a best match from the revised set of candidate locations as the current location of the portable data processing system.

14.   (Currently Amended) The computer program product as recited in claim 13, wherein the identifying instructions are first identifying instructions and wherein sufficiently matching the location syndrome to one of the set of location profiles further comprises:

second identifying instructions, responsive to a determination that the assigned score of one of the revised set of candidate locations with the highest assigned score exceeds [[that]] the assigned score of other ones of the revised set of candidate locations by a specified margin and to a determination that the assigned score of the one of the revised set of candidate locations exceeds a threshold value, for identifying the one of the revised set of candidate locations with the highest assigned score as the current location of the portable data processing system.

15.   (Currently Amended) The computer program product as recited in claim 13, wherein sufficiently matching the location syndrome to one of the set of location profiles further comprises:

presenting instructions, responsive to a determination that the assigned score of one of the revised set of candidate locations with the highest assigned score does not exceed the assigned score of other ones of the revised set of candidate locations by a

specified margin and to a determination that the assigned scores score of at least some of the others other ones of the revised set of candidate locations exceed a threshold value, presenting at least some of the revised set of candidate locations to a user for a user selection of the current location of the portable data processing system.

16. (Currently Amended) The computer program product as recited in claim 11, wherein determining the set of resources geographically proximate to the portable data processing system comprises using a directory-based protocol.

17. (Currently Amended) The computer program product as recited in claim 11, wherein determining the set of resources geographically proximate to the portable data processing system comprises using at least one of a Dynamic Host configuration Protocol[[,]] and a Service Discovery Protocol, and Jini^TM.

18. (Currently Amended) The computer program product as recited in claim 11, wherein determining the set of resources geographically proximate to the portable data processing system comprises determining [[the]] a latency between a message to interrogate a component and [[the]] an arrival of [[the]] a response.

19. (Currently Amended) The computer program product as recited in claim 11, wherein determining the set of resources geographically proximate to the portable data processing system comprises determining a route that a message to interrogate a component takes.

20. (Currently Amended) The computer program product as recited in claim 11, wherein the set of resources include a set of behaviors of the data processing system and a proximate network.

21. (Currently Amended) A data processing system for determining a location of [[the]] a portable data processing system, the data processing system comprising:

a location syndrome generator which determines a set of resources geographically proximate to the portable data processing system to generate a location syndrome;

a comparator which, responsive to determining the set of resources geographically proximate to the portable data processing system to generate the location syndrome, compares the location syndrome to a set of location profiles;

a mechanism for determining whether the location syndrome sufficiently matches one of the set of location profiles, the mechanism comprising:

a provider which provides a set of scores ranging from a highest score to a lowest score, and

an assigner which assigns a score from the set of scores to a location profile in the set of location profiles, wherein the score assigned corresponds to a degree to which the location profile matches the location syndrome; and

a matcher which, responsive to sufficiently matching the location syndrome to one of the set of location profiles, returns, to ~~another~~ a software component, a unique location identification label corresponding to a matched one of the set of location profiles as a current location of the portable data processing system.

22. (Currently Amended) The data processing system as recited in claim 21, wherein ~~sufficiently matching the location syndrome to one of the set of location profiles comprises:~~

~~a scorer which assigns a score to each location profile wherein the score corresponds to a degree to which the location profile matched the location syndrome and a set of the assigned scores ranges from a highest assigned score to a lowest assigned score~~ assigning a score comprises initializing the score, incrementing the score if a resource in a specific resource profile is present, and decrementing the score if the resource in the specific resource profile is not present.

23. (Currently Amended) The data processing system as recited in claim 22, wherein the mechanism for determining whether ~~sufficiently matching~~ the location syndrome sufficiently matches [[to]] one of the set of location profiles further comprises:

a storage unit which stores a set of unique location identification labels corresponding to the set of location profiles as a set of candidate locations;

responsive to storing the set of unique location identification labels corresponding to the set of location profiles as the set of candidate locations, an eliminator which eliminates the unique location identification labels label in the set of unique location identification labels for the location profiles with the lowest assigned score to produce a revised set of candidate locations; and

an identifier which identifies a best match from the revised set of candidate locations as the current location of the portable data processing system.

24.   (Currently Amended) The data processing system as recited in claim 23, wherein the identifier [[is]] comprises a first identifier and wherein sufficiently matching the location syndrome to one of the set of location profiles further comprises:

a second identifier which, responsive to a determination that the assigned score of one of the revised set of candidate locations with the highest assigned score exceeds [[that]] the assigned score of other ones of the revised set of candidate locations by a specified margin and to a determination that the assigned score of the one of the revised set of candidate locations exceeds a threshold value, identifies the one of the revised set of candidate locations with the highest assigned score as the current location of the portable data processing system.

25.   (Currently Amended) The data processing system as recited in claim 23, wherein the mechanism for determining whether sufficiently matching the location syndrome sufficiently matches [[to]] one of the set of location profiles further comprises:

a presentation unit which, responsive to a determination that the assigned score of one of the revised set of candidate locations with the highest assigned score does not exceed the assigned score of other ones of the revised set of candidate locations by a specified margin and to a determination that the assigned scores of at least some of the others other ones of the revised set of candidate locations exceed a threshold value, presents at least some of the revised set of candidate locations to a user for a user selection of the current location of the portable data processing system.

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26. (Canceled)

27. (Currently Amended) The data processing system as recited in claim 21, wherein determining the set of resources geographically proximate to the portable data processing system comprises using at least one of a Dynamic Host configuration Protocol[[,]] and a Service Discovery Protocol, and Jini™.

28. (Currently Amended) The data processing system as recited in claim 21, wherein determining the set of resources geographically proximate to the portable data processing system comprises determining [[the]] a latency between a message to interrogate a component and [[the]] an arrival of [[the]] a response.

29. (Currently Amended) The data processing system as recited in claim 21, wherein determining the set of resources geographically proximate to the portable data processing system comprises determining a route that a message to interrogate a component takes.

30. (Currently Amended) The data processing system as recited in claim 21, wherein:
the location syndrome generator determines a set of behaviors of the data processing system and a proximate network; and
[[the]] a location profile in the set of location profiles includes a list of behaviors of the data processing system and the proximate network present at a set of locations for which [[a]] the location profile is available.

31. (Currently Amended) The computer implemented method as recited in claim 1, wherein after sufficiently matching the location syndrome to more than one of the set of location profiles, presenting [[the]] a plurality of the set of location profiles to a user for a user selection of the current location of the portable data processing system.

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